DOCUMENT RESUME

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TITLE	Crocodile Mathematics 1.1. [CD-ROM].
PUB DATE	2002-00-00
NOTE	0p.; Produced and published by Crocodile Clips, Ltd.
AVAILABLE FROM	Arbor Scientific, P.O. Box 2750, Ann Arbor, MI 48106-2750 (Item no. PS-5100, $3.25). Tel: 800-367-6695 (Toll Free); Web site: http://www.arborsci.com.
PUB TYPE	Guides - Classroom - Teacher (052) -- Non-Print Media (100)
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DESCRIPTORS	*Computer Uses in Education; Elementary Secondary Education; Equations (Mathematics); Geometry; *Graphs; *Mathematics Education; Middle Schools; Optical Data Disks; *Transformations (Mathematics); *Visualization

ABSTRACT

This CD-ROM consists of software that allows both teachers and students to create and experiment with mathematical models by linking shapes, graphs, numbers, and equations. It is usable for demonstrations, home learning, reinforcing concepts, illustrating concepts that are difficult to visualize, further pupil investigations, and project work. Featured topics include Shapes, Connections, Transforms, Graphs, Equations, and Numbers. For example, each shape has a transformation panel that can be used to rotate, reflect, scale, or translate it. The user can also use a matrix to specify more complex transformations. The user can choose from predefined transformations or specify exact values for specific items such as the rotation angle and the reflection axis. (MM)

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